# Author index


Abraham, W. and Downing, D.T.
Interaction between corneocytes and stratum corneum lipid liposomes in vitro (1021) 119
Alder, G., see Morgan, H. (1021) 175
Amano, Y., see Inaba, M. (1021) 101
Anderle, G.L., see Yang, J. (1021) 27
Anzai, K., Yoshida, M. and Kirino, Y.
Change in intravesicular volume of liposomes by freeze-thaw treatment as studied by the ESR stopped-flow technique (1021) 21
Arnold, W.M., see Hu, X. (1021) 191
Auffret, N., see Nelson, A. (1021) 205

Berrebi-Bertrand, I., Maixent, J.-M., Christe, G. and Lelièvre, L.G.
Two active $Na^+/K^+$-ATPases of high affinity for ouabain in adult rat brain membranes (1021) 148
Bianchi, G., see Ferrandi, M. (1021) 13
Bianconi, M.L., see Lissi, E. (1021) 46
Binaglia, L., see Erhardt, A. (1021) 126
Blanch, L.E.B., see Lissi, E. (1021) 46
Bolard, J., see Jullien, S. (1021) 39
Borlakoglu, J., see Nelson, A. (1021) 205
Boyd, C.A.R., see Kudo, Y. (1021) 169
Brajtburg, J., see Jullien, S. (1021) 39
Braw, R., see Ferrandi, M. (1021) 13
Brophy, P.J., see Sankaram, M.B. (1021) 63

Caflisch, C., Zimmerli, B., Reichen, J. and Meier, P.J.
Cholate uptake in basolateral rat liver plasma membrane vesicles and in liposomes (1021) 70
Campione, A.L., see Van Winkle, L.J. (1021) 77
Capparelli, A.W., see Suzuki, M. (1021) 85
Christe, G., see Berrebi-Bertrand, I. (1021) 148
Clark, S.J. and Ralston, G.B.
The dissociation of peripheral proteins from erythrocyte membranes brought about by *p*-mercuribenzenesulfonate (1021) 141
Coakley, W.T., see Darmani, H. (1021) 182
Cohen-Luria, R., Danon, A. and Rimon, G.
Fatty acid binding protein (FABP) modulates prostaglandin E binding to rat epididymal adipocyte membrane similarly to albumin (1021) 96

Danon, A., see Cohen-Luria, R. (1021) 96
Darmani, H. and Coakley, W.T.
Membrane–membrane interactions: parallel membranes or patterned discrete contacts (1021) 182
De Kruijff, B., see Hovius, R. (1021) 217
De Paula, E., see Lissi, E. (1021) 46
Dhalla, N.S., see Kaneko, M. (1021) 33
Do Amaral, A.T., see Lissi, E. (1021) 46
Downing, D.T., see Abraham, W. (1021) 119
Dreyfus, H., see Erhardt, A. (1021) 126

Ellingson, J.S., see Taraschi, T.F. (1021) 51
Erhardt, A., Leray, C., Binaglia, L., Roberti, R., Dreyfus, H., Massarelli, R. and Freysz, L.
In vitro synthesis and transbilayer movement of phosphatidylethanolamine molecules labelled with different fatty acids in chick brain microsomes (1021) 126

Ermishkin, L.N. and Mirzabekov, T.A.
Redistribution of the electric field within the pore contributes to the voltage-dependence of mitochondrial porin channel (1021) 161

Ferrandi, M., Salardi, S., Parenti, P., Ferrari, P., Bianchi, G., Braw, R. and Karlish, S.J.D.
$Na^+/K^+/Cl^-$-cotransporter mediated $Rb^+$ fluxes in membrane vesicles from kidneys of normotensive and hypertensive rats (1021) 13
Ferrari, P., see Ferrandi, M. (1021) 13
Freysz, L., see Erhardt, A. (1021) 126
Fujii, Y., see Yasuda, H. (1021) 114

Gorman, J.M., see Van Winkle, L.J. (1021) 77

Hovius, R., Lambrechts, H., Nicolay, K. and De Kruijff, B.
Improved methods to isolate and subfractionate rat liver mitochondria. Lipid composition of the inner and outer membrane (1021) 217
Hu, X., Arnold, W.M. and Zimmermann, U.
Alterations in the electrical properties of T and B lymphocyte membranes induced by mitogenic stimulation. Activation monitored by electro-rotation of single cells (1021) 191
Huang, L., see Wright, S.E. (1021) 105

Ikeda, T., Lee, B., Yamaguchi, H. and Tazuke, S.
Time-resolved fluorescence anisotropy studies on the interaction of biologically active polycations with phospholipid membranes (1021) 56
Inaba, M., Amano, Y. and Maede, Y.
Two novel molecular isoforms of band 4.2 in Japanese Sika deer (*Cervus nippon yesoensis, Heude*) erythrocytes (1021) 101
Ishibashi, S., see Yasuda, H. (1021) 114

Jo, O.D., see Suzuki, M. (1021) 85
Jordi, W., see Sankaram, M.B. (1021) 63
Jullien, S., Brajtburg, J. and Bolard, J.
Affinity of amphotericin B for phosphatidylcholine vesicles as a determinant of the in vitro cellular toxicity of liposomal preparations (1021) 39

Kaneko, M., Panagia, V., Paolillo, G., Majumder, S., Ou, C. and Dhalla, N.S.
Inhibition of cardiac phosphatidylethanolamine *N*-methylation by oxygen free radicals (1021) 33
Karlish, S.J.D., see Ferrandi, M. (1021) 13
Kawamura, M., see Ohtsubo, M. (1021) 157
Kirino, Y., see Anzai, K. (1021) 21
Kudo, Y. and Boyd, C.A.R.
Characterization of amino acid transport systems in human placental basal membrane vesicles (1021) 169
Kurokawa, T., see Yasuda, H. (1021) 114

Lambrechts, H., see Hovius, R. (1021) 217
Larsson, C., see Palmgren, M.G. (1021) 133
Lee, B., see Ikeda, T. (1021) 56
Lelièvre, L.G., see Berrebi-Bertrand, I. (1021) 148
Leray, C., see Erhardt, A. (1021) 126

Levinson, C.
Regulatory volume increase in Ehrlich ascites tumor cells (1021) 1
Lim, T.K., see Lis, L.J. (1021) 201
Lis, L.J., Tamura-Lis, W., Lim, T.K. and Quinn, P.J.
Phase structures and transitions in fully hydrated diacyltrehalose (1021) 201
Lissi, E., Bianconi, M.L., Do Amaral, A.T., De Paula, E., Blanch, L.E.B. and Schreier, S.
Methods for the determination of partition coefficients based on the effect of solutes upon membrane structure (1021) 46
Lonsdale, J.T., see Morgan, H. (1021) 175

Maede, Y., see Inaba, M. (1021) 101
Maixent, J.-M., see Berrebi-Bertrand, I. (1021) 148
Majumder, S., see Kaneko, M. (1021) 33
Marsh, D., see Sankaram, M.B. (1021) 63
Massarelli, R., see Erhardt, A. (1021) 126
McIver, D.J.L., see Philp, R.B. (1021) 91
Meier, P.J., see Caflisch, C. (1021) 70
Mendelsohn, R., see Yang, J. (1021) 27
Mirzabekov, T.A., see Ermishkin, L.N. (1021) 161
Morgan, H., Lonsdale, J.T. and Alder, G.
Polarity-dependent voltage-gated porin channels from *Escherichia coli* in lipid bilayer membranes (1021) 175
Morohashi, M., see Ohtsubo, M. (1021) 157

Nelson, A., Auffret, N. and Borlakoglu, J.
Interaction of hydrophobic organic compounds with mercury adsorbed dioleoylphosphatidylcholine monolayers (1021) 205
Nicolay, K., see Hovius, R. (1021) 217
Noguchi, S., see Ohtsubo, M. (1021) 157

Ohtsubo, M., Noguchi, S., Takeda, K., Morohashi, M. and Kawamura, M.
Site-directed mutagenesis of Asp-376, the catalytic phosphorylation site, and Lys-507, the putative ATP-binding site, of the α-subunit of *Torpedo californica* $Na^+/K^+$-ATPase (1021) 157
Ou, C., see Kaneko, M. (1021) 33

Palmgren, M.G., Sommarin, M., Ulvskov, P. and Larsson, C.
Effect of detergents on the $H^+$-ATPase activity of inside-out and right-side-out plant plasma membrane vesicles (1021) 133
Panagia, V., see Kaneko, M. (1021) 33
Paolillo, G., see Kaneko, M. (1021) 33
Parenti, P., see Ferrandi, M. (1021) 13
Passamonti, S. and Sottocasa, G.L.
The sulfhydryl groups responsible for bilitranslocase transport activity respond to the interaction of the carrier with bilirubin and functional analogues (1021) 9
Philp, R.B., McIver, D.J.L. and Wong, P.T.T.
Pressure distortion of an artificial membrane and the effect of ligand/protein binding (1021) 91

Quinn, P.J., see Lis, L.J. (1021) 201

Ralston, G.B., see Clark, S.J. (1021) 141
Reichen, J., see Caflisch, C. (1021) 70
Rimon, G., see Cohen-Luria, R. (1021) 96
Roberti, R., see Erhardt, A. (1021) 126
Rubin, E., see Taraschi, T.F. (1021) 51

Salardi, S., see Ferrandi, M. (1021) 13
Sankaram, M.B., Brophy, P.J., Jordi, W. and Marsh, D.
Fatty acid pH titration and the selectivity of interaction with extrinsic proteins in dimyristoylphosphatidylglycerol dispersions. Spin label ESR studies (1021) 63
Schreier, S., see Lissi, E. (1021) 46
Sommarin, M., see Palmgren, M.G. (1021) 133
Sottocasa, G.L., see Passamonti, S. (1021) 9
Suzuki, M., Capparelli, A.W., Jo, O.D. and Yanagawa, N.
Thiol redox and phosphate transport in renal brush-border membrane. Effect of nicotinamide (1021) 85

Takeda, K., see Ohtsubo, M. (1021) 157
Tamura-Lis, W., see Lis, L.J. (1021) 201
Taraschi, T.F., Ellingson, J.S., Wu-Sun, A. and Rubin, E.
Rats withdrawn from ethanol rapidly re-acquire membrane tolerance after resumption of ethanol feeding (1021) 51
Tazuke, S., see Ikeda, T. (1021) 56

Ulvskov, P., see Palmgren, M.G. (1021) 133

Van Winkle, L.J., Campione, A.L., Gorman, J.M. and Weimer, B.D.
Changes in the activities of amino acid transport systems $b^{0,+}$ and L during development of preimplantation mouse conceptuses (1021) 77

Weimer, B.D., see Van Winkle, L.J. (1021) 77
White, J.C., see Wright, S.E. (1021) 105
Wong, P.T.T., see Philp, R.B. (1021) 91
Wright, S.E., White, J.C. and Huang, L.
Partitioning of teniposide into membranes and the role of lipid composition (1021) 105
Wu-Sun, A., see Taraschi, T.F. (1021) 51

Yamaguchi, H., see Ikeda, T. (1021) 56
Yamashita, A., see Yasuda, H. (1021) 114
Yanagawa, N., see Suzuki, M. (1021) 85
Yang, J., Anderle, G.L. and Mendelsohn, R.
Effects of cholesterol on the interaction of $Ca^{2+}$-ATPase with 1-palmitoyl-2-oleoylphosphatidylethanolamine. An FTIR study (1021) 27
Yasuda, H., Kurokawa, T., Fujii, Y., Yamashita, A. and Ishibashi, S.
Decreased D-glucose transport across renal brush-border membrane vesicles from streptozotocin-induced diabetic rats (1021) 114
Yoshida, M., see Anzai, K. (1021) 21

Zimmerli, B., see Caflisch, C. (1021) 70
Zimmermann, U., see Hu, X. (1021) 191